Page 1 of &

SERIAL NO. Form PTO-1449 U.S. DEPARTMENT OF COMMERCE ATTY, DOCKET NO. 09/715,036 PATENT AND TRADEMARK OFFICE 077281-0104 (MODIFIED) **APPLICANT** MFORMATION DISCLOSURE CITATION Hortense W. Dodo, et al. SEP 1 8 2001 FILING DATE **GROUP ART UNIT** (Use sexe) all sheets if necessary) 11/20/2000 Unassigned TRADEMAR **U.S. PATENT DOCUMENTS** FILING DATE DOCUMENT SUB-**EXAMINER** NAME **CLASS** DATE **REF** INITIAL CLASS NUMBER **APPROPRIATE** 298 6/99 Willmitzer et al. 800 **A1** 5,917,127 4,376,110 436 513 3/83 David et al. A2 85.8 Saint-Remy et al. 5,026,545 424 6/91 **A3** 276.1 Burks, Jr. et al. 5,558,869 9/96 424 **A4** 5,951,984 9/99 Kaneko et al. 424 184.1 **A5** 4,407,956 Howell 435 172 10/83 A6 536 27 7/84 Caruthers et al. 4,458,066 Α7 FOREIGN PATENT DOCUMENTS TRANSLATION **DOCUMENT** SUB-COUNTRY **CLASS** DATE **REF CLASS** NUMBER YES NO **WIPO** 8/99 99/38978 **8A WIPO** 84/02913 8/84 **A9** 0116718 8/84 European A10 European 0242246 10/87 A11 OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) K. M. Moore et al., "The inheritance of High Oleic Acid In Peanut", The Journal of Heredity, May/June 1989, A12 Vol. 80, No. 3, pp. 252-253, National Institute of Health Lutz et al., "The Distribution of Two hnRNP-Associated Proteins Defined by a Monoclonal Antibody Is Altered A13 In Heat-Shocked HeLa Cells", Experimental Cell Research 175, 1988, pp. 109-124, Academic Press, Inc. Elliston et al., "The Molecular Architecture of Plant Genes and Their Regulation", Plant Biotechnology, 1989, A14 pp. 115-139, Butterworth Publishers Ozias-Akins et al., "Regeneration of Transgenic Peanut Plants from Stably Transformed Embryogenic Callus", A15 1993, pp 185-194, Elsevier Scientific Publishers Ireland LTD Bhalla et al., "Antisense-medicated Silencing of a Gene Encoding a Major Ryegrass Pollen Allergen", 1999, A16 Proc. Natl. Acad. Sci., Vol. 96, pp. 11676-11680, Plant Biology & Biotechnology Lab. **EXAMINER** DATE CONSIDERED EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include any copy of this form with next

002.635693

Form PTO-1449		U.S. DEPARTMENT OF COMMERCE	ATTY. DOCKET NO.	SERIAL NO.	
(MODIFIED)		PATENT AND TRADEMARK OFFICE	077281-0104	09/715,036	
OIPE			APPLICANT		
INFORMATION DISCLOSURE CITATION		ON DISCLOSURE CITATION	Hortense W. Dodo, et al.		
SEP 1	8 2001		FILING DATE	GROUP ART UNIT 130	
E	(Use	veral sheets if necessary)	11/20/2000	Unassigned S	
FATS TRA	DEMARK	OTHER DOCUMENTS (Including A	uthor, Title, Date, Pertinent Pages,	Etc.)	
001		Viquez et al., "Isolation and Molecular Characterization of the First Genomic Clone of a Major Peanut Allergen,			
J	A17	Ara H 2", Journal of Allergy Clinical Immu	unology, April 2001, Volume 107, Num	ber 4, pp. 713-717.	
		Mosby, Inc.			
	0.40	Tada et al., "Reduction of 14-16 kDa Aller	rgenic Proteins in Transgenic Rice Pla	nts by Antisense Gene",	
	A18	FEBS Letters, August 1996, Volume 391,	Number 3, pp. 341-345, Federation of	European Biochemical Soc.	
	440	Rosahl et al., "Expresseion of a Tuber-spo	ecific Storage Protein in Transgenic To	obacco Plants: Demonstration	
	A19	of an Esterase Activity", 1987, Volume 6,	Number 5, pp. 1155-1159, IRL Press I	_imited	
	A20	Datla et al., "A Bifunctional Fusion Between	en B-Glucuronidase and Neomycin Ph	osphotransferase: A Broad-	
	720	Spectrum Marker Enzyme For Plants", Ge	ene, 1991, Volume 101, Number 2, pp.	239-246, Elsevier Sci. Pub.	
	A21	Tatusova et al., "BLAST 2 Sequences, A	New Tool for Comparing Protein and N	lucleotide Sequences"	
	A21	FEMS Microbiology Letters, 1999, Volume	e 174, Number 2, pp. 247-250, Elsevie	r Science B.V.	
	422	Altschul et al., "Gapped BLAST and PSI-E	BLAST: A New Generation of Protein I	Database Search Programs",	
	A22	Nucleic Acids Research, 1997, Volume 25, Number 17, pp. 3389-3402, Oxford Univ. Press			
	A23	E.M. Southern, "Detection of Specific Sequences Among DNA Fragments Separated by Gel Electrophoresis",			
	720	Journal of Molecular Biology, November 1975, Volume 98, Number 3, pp. 503-517, Academic Press, Inc.			
	A24	Eva Engvall, "Enzyme Immunoassay ELISA and EMIT", Immunochemical Techniques, 1980, Volume 70, pp.			
		419-439, Academic Press, Inc.			
	A25	Cote et al., "Generation of Human Monoc	clonal Antibodies Reactive with Cellular Antigens", Proc. Natl. Acad.,		
		Sci., April 1983, Volume 80, pp. 2026-203	30, Memorial Sloan-Kettering Cancer C	enter	
	A26	Vaitukaitis, et al., "A Method For Producin	g Specific Antisera with Small Doses of	of Immunogen", The Journal of	
		Clinical Endocrinology and Metabolism", I	December 1971, Volume 33, Number 6	6, pp. 988-991, Endocrine Soc.	
	A27	S. P. C. Cole et al., "The EBV-Hybridoma	Technique and its Application to Huma	an Lung Cancer", Monoclonal	
		Antibodies and Cancer Therapy, 1985, pp. 77-96, Alan R. Liss, Inc.			
	A28	Kozbor et al., "The Production of Monoclonal Antibodies from Human Lymphocytes", Immunology Today,			
	720	1983, Volume 4, Number 3, pp. 72-78, Elsevier Biomedical Press			
	A29	G. Kohler et al., "Continuous Cultures of Fused Cells Secreting Antibody of Predefined Specificity", N			
	A29	August 1975, Volume 256, pp. 495-497, National Institute of Health			
	A30	De St. Groth et al., "Production of Monoclonal Antibodies: Strategy and Tactics", Journal of Immunological			
	A30	Methods, 1980, Volume 35, pp. 1-21, Elsevier/North-Holland Biomedical Press			
			DATE CONSIDERED		
Jun All			7/17/02		
* EXA	MINER:	Initial if citation considered, whether			
line through citation if not in conformance and not considered. Include any copy of this form with next communication to applicant.					

				Page 3 of 8		
Form PTO-1449		U.S. DEPARTMENT OF COMMERCE	ATTY. DOCKET NO.	SERIAL NO.		
(MODIFIED)		PATENT AND TRADEMARK OFFICE	077281-0104	09/715,036		
			APPLICANT			
INFORMATION DISCLOSURE CITATION			Hortense W. Dodo, et al.			
SIPE			FILING DATE	GROUP ART UNIT		
70	(VS) se	everal sheets if necessary)	11/20/2000	GROUP ART UNIT Unassigned Ftc.		
SEP 1 8	2001 🗒	OTHER DOCUMENTS (Including A	uthor, Title, Date, Pertinent Pages,	Etc.)		
E. 0	Ker S	Keating, Md., et al., "Immunoassay of Peanut Allergens in Food-Processing Materials and Finished Foods",				
TRAD	EMARS	The Journal of Allergy and Clinical Immunology", July 1990, Volume 86, Number 1, pp. 41-44, Mosby-Year				
		Book, Inc.				
	A32	Sprague et al., "Expression of A Recombi	inant DNA Gene Coding for the Vesicu	ılar Stomatitis Virus		
	A32	Nucleocapsid Protein", Journal of Virology, February 1983, pp. 773-781, American Society for Microbiology				
	422	I. Schneider, " Cell Lines Derived from Late Embryonic Stages of Drosophila Melanogaster", Journal of				
	A33	Embryology and Experimental Morphology, 1972, Volume 27, Number 2, pp. 353-365, Cambridge Univ. Press				
	104	Queen et al., "Cell-Type Specific Regulati	ion of a k Immunoglobulin Gene by Pr	omoter and Enhancer		
	A34	Elements", Immunological Reviews, 1986	, Number 89, Munksgaard, Copenhag	en, Denmark		
	405	Mosbach et al., "Formation of proinsuln by Immobilized Bacillus subtilis", Nature, April 1983, Volume 302,				
	A35	Number 5908, pp. 543-545, Macmillan Journals Ltd.				
	100	Palva et al., "Secretion of Interferon by Ba	acillus subtilis", Gene, May/June 1983,	Volume 22, Numbers 2 and 3,		
	A36	pp. 229-235, Elsevier Science Publishers				
	407	Shimatake et al., "Purified λ Regulatory Protein cll Positively Activates Promoters for Lysogenic development",				
	Nature, July 1981, Volume 292, Number 5819, pp. 128-132, Macmillan Journals Ltd.			s Ltd.		
	A 20	Goeddel et al., "Synthesis of Human Fibroblast Interferon by E. coli", Nucleic Acids Research, 1980, Volume 8,				
A38		Number 18, pp. 4057-4075, IRL Press Limited				
	420	Weiner et al., "Double-Blind Pilot Trial of Oral Tolerization with Myelin Antigens in Multiple Sclerosis", Science,				
A39 February 1993, Volume 259, pp. 1225-1368, American Ass		68, American Assoc. for the Advancer	nent of Science			
		Trentham et al., "Effects of Oral Administration of Type II Collagen on Rheumatoid Arthritis", Science,				
	September 1993, Volume 261, pp. 1727-1730, Division of Cytokine Biology					
		Beckman et al., "Managing The Risk of Fo	ood Allergens", Food Testing & Analys	is, June/July 1999, Volume 5,		
A41		Number 3, pp. 15-17, Rheometric Scientific				
		Norden et al., "Application Genetics In Pe	anut Variety Improvement", Florida Ag	ricultural Research 84,		
	A42	pp. 16-18, Biotechnology				
A43		De la Pena et al., "Transgenic Rye Plants	Obtained by Injecting DNA into Young	g Floral Tillers", Nature, 1987,		
		Volume 325, Number 6101, pp. 274-276,	i, Kenya Rift Structure			
EXAMINER		0000	DATE CONSIDERED			
Aur All 1/17/02						
* EXAN	<u> </u>	Initial if citation considered, wheth	er or not citation is in conforma	nce with MPEP 609; Draw		
line t	hrough	citation if not in conformance and				
communication to applicant.						

Form PTO-14	49	U.S. DEPARTMENT OF COMMERCE	ATTY, DOCKET NO.	SERIAL NO.	
(MODIFIED)		PATENT AND TRADEMARK OFFICE	077281-0104	09/715,036	
			APPLICANT		
INFORMATION DISCLOSURE CITATION			Hortense W. Dodo, et al.		
			FILING DATE	GROUP ART UNIT	
PEVO	Use se	everal sheets if necessary)	11/20/2000	Unassigned	
<u> </u>	اللا	OTHER DOCUMENTS (Including A	uthor, Title, Date, Pertinent Pages,	Etc.)	
SEP 1 8 200	, 윤)	Moore et al., "The Inheritance of High Ole	eic Acid In Peanut", The Journal of Her	edity, 1989, Volume 80,	
201	TOPECE !	Number 3, pp. 252-253, National Institute of Health			
& TRAD	A45	Deblaera et al., "Vectors for Cloning in Pl	ant Cells", Methods in Enzymology, Vo	olume 153, pp. 277-293.	
		Academic Press, Inc.			
		Pawlowski et al., "Transgene Inheritance	in Plants Genetically Engineered by M	licroprojectile Bombardment",	
	A46	Molecular Biotechnology, August 1996, V	olume 6, Number 1, pp. 17-30, Humar	na Press Inc.	
		Chen et al., "Expression and Inheritance	of Multiple Transgenes in Rice Plants"	, Nature Biotechnology,	
	A47	November 1998, Volume 16, Number 11,	pp. 1060-1064,		
	A 40	Klein et al., "High-Velocity Microprojectile	s for Delivering Nucleic Acids into Livi	ng Cells", Nature, May 1987,	
	A48	Volume 327, pp. 70-73, Dept. Horticultura	al Sciences		
	A49	Fromm et al., "Expression of Genes Tran	ransferred into Monocot and Dicot Plant Cells by Electroporation", Proc.		
	A49	Natl. Acad. Sci., September 1985, Volum	e 82, pp. 5824-5828, Dept. of Biologic	al Sciences	
	A50	Bechtold et al., "In Planta Agrobacterium Mediated Gene Transfer by Infiltration of Adult Arabidopsis Thaliana			
	Plants", Sciences De La Vie Life Sciences, October 1993, Volume 316, Number 10, p			r 10, pp. 1194-1199, John	
		Libbey Eurotext			
	A51	Hoekema et al., "A Binary Plant Vector S			
		Tumefaciens Ti-plasmid", Nature, May 19			
	A52	de Framond et al., "Mini-Ti: A New Vecto		ing", Biotechnology, May 1983,	
		pp. 262-269, National Library of Medicine			
	A53	Horsch et al., AAAS Annual Meeting Prel			
	A54	American Peanut Research and Education Society, Inc., 1991 Proceedings, Volume 23, p. 30.			
	A55	Lacorte et al., "Gene Transfer into Peanut (Arachis hypogea L.) by Agrobacterium Tumefaciens", Plant Cell			
		Reports, 1991, Volume 10, Number 6/7, pp. 354-357, Springer-Verlag			
	A56	I. Vasil, "Molecular Improvement of Cerea		er 1994, Volume 25, Number 6,	
		pp. 925-937, Kluwer Academic Publishers			
A57		Needham-VanDevanter et al., "Characterization of an Adduct Between CC-1065 and a Defined			
Oligodeoxynucleotide Duplex", Nucleic Acids Research, 1984, Volume 12, Number 15, pp. 6159			iber 15, pp. 6159-6169.		
IRL Press Limited DATE CONSIDERED					
EXAMINER OF THE CONSIDERED					
	Len	a ALL	1/17/02		
		Initial if citation considered, wheth			
	_	n citation if not in conformance and tion to applicant.	I not considered. Include any c	opy of this form with n xt	
COMI	nunica	uon to applicant.			

			Y	Page 5 of 8		
Form PTO-14	49	U.S. DEPARTMENT OF COMMERCE	ATTY. DOCKET NO.	SERIAL NO. 09/715,036	E	
(MODIFIED)		PATENT AND TRADEMARK OFFICE	077281-0104 APPLICANT	09/713,036	<u> </u>	
INFORMATION DISCLOSURE CITATION		ON DISCLOSURE CITATION	APPLICANT Hortense W. Dodo, et al.			
			FILING DATE	GROUP ART UNIT	- 33	
01	PESELE	everal sheets if necessary)	11/20/2000	Unassigned	600	
	<u> </u>	OTHER DOCUMENTS (Including A	uthor, Title, Date, Pertinent Pages.	Etc.)	1600/2900	
SEP 1	<u>8 2001</u>	eaucage et al., "Deoxynucleoside Phos			_	
Pile	A58	*/				
AMOU	ADEMA	Deoxypolynucleotide Synthesis", Tetrahedron Letters, Volume 22, Number 20, pp. 1859-1981, Pergamon Press Ltd.				
		Bolton et al., "A General Method for the Is	solation of RNA Complementary to DN	A", August 1996, Volume 48	 8,	
	A59	Number 8, pp. 1330-1397				
	<u></u>	Jefferson et al., "GUS fusions: β-glucuror	nidase as a Sensitive and Versatile Ge	ene Fusion Marker in Higher	r	
	A60	Plants", The EMBO Journal, 1987, Volum				
		Bray et al., "Expression of the βsubunit	of β-conglycinin in Seds of Transgenic	Plants", Plants, 1987, Volu	me	
	A61	172, pp. 364-370, Springer-Verlag				
		Brussian et al. "An Arabidopsis Mutant wi	ith a Reduced Level of cab140 RNA is	a Result of Sosuppression"	,	
	A62	The Plant Cell, June 1983, Volume 5, pp.	. 667-677, American Society of Plant P	hysiologists		
		Burks et al., "Recombinant Peanut Allergen Ara h I Expression and IgE Binding in Patients with Peanuts				
	A63	Hypersensitivity" The Journal of Clinical Investigation, October 1995, Volume 96, pp. 1715-1721, American				
		Society for Clinical Investigation, Inc.				
	#	Burks, MD., et al., "Identification and Cha	racterization of a Second Major Peanu	ıt Allergen, Ara h II, with use	e of	
	A64	The Sera of Patients with Atopic Dermatitis and Positive Peanut Challenge", The Journal of Allergy and Clinical				
		Immunology, December 1992, Volume 90), Number 6, Part 1, pp. 962-969, Mos	by-Year Book, Inc.		
		De Jong et al., "Identification and Partial	Characterization of Multiple Major Allergens in Peanut Proteins",			
	A65	Clinical and Experimental Allergy, 1998,	Volume 28, pp. 743-751, Blackwell Sci	ence Ltd.		
	100	Fire et al., "Potent and Specific Genetic Interference by Double-Stranded RNA in Caenorhabditis Elega				
	A66	Nature, February 1998, Volume 391, pp.	806-811,			
	Greger et al., "Poly(A) Signals Control Both Transcriptional Termination and Initiation Between the Tand)	
	A67	GAL10 AND GAL7 Genes of Saccharomyces Cerevissiae", The EMBO Journal, 1998, Volume 17, Number 16,				
	pp. 4771-4779, Oxford University Press					
	A68 Kennerdell et al., "Use of dsRNA-Medicated Genetic Interference to Demonstrate that Frizzled and Act in the Wingless Pathway", Cell, December 198, Volume 95, pp. 1017-1026, Cell Press			te that Frizzled and Frizzled	12	
				Cell Press		
		Kleber-Janke et al., "Selective Cloning of Peanut Allergens, Including Profilin and 2S Albumins, by Phage				
_	A69	Display Technology", International Archives of Allergy and Immunology, August 1999, Volume 119,				
		pp. 265-274, S. Karger AG. Basel				
EXAMINER	V	$\mathcal{O}(\mathcal{O}(1))$	DATE CONSIDERED			
	J	un Als	7/17/02			
		Initial if citation considered, wheth				
	_	n citation if not in conformance and tion to applicant.	not considered. Include any c	opy of this form with r	next	

Page 6 of 8

$\mathcal{L} = \mathcal{L} = $	Form PTO-1449		U.S. DEPARTMENT OF COMMERCE	ATTY. DOCKET NO.	SERIAL NO.	
INFORMATION DISCLOSURE CITATION FILING DATE GROUP ART UNIT Unassigned SEP 18 2001 OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) Norther Documents (Including Author, Title, Date, Pertinent Pages, Etc.) File Date (Including Author, Title, Date, Pertinent Pages, Etc.) Norther Documents (Including Author, Title, Date, Pertinent Pages, Etc.) Norther Date (Including Author, Title, Date, Pertinent Pages, Etc.) Matzke et al., "How and Why Do Plants Inactive Homologous", Plant Physiology, March 1995, Volume 107, Number 3, pp. 679-685 Matzke et al., "How and Why Do Plants Inactive Homologous", Plant Physiology, March 1995, Volume 107, Number 3, pp. 679-685 A72 Misquitta et al., "Targeted Disruption of Gene Function in Drosopphila by RNA Interference (RNA-I): A Role for Nautilus in Embryonic Somatic Muscle Formation", Proc. Natl. Acad. Sci., 1999, Volume 96, pp. 1451-1458. Laboratory of Biochemistry, National Cancer Institute Montgomery et al., "RNA as a Target of Double-Stranded RNA-mediated Genetic Interference in Caenorhabditis elegans", Proc. Natl. Acad. Sci., December 1998, Volume 95, pp. 15502-15507, National Academy of Sciences Neuhuber et al., "Susceptibility of Transgene Loci to Homology-dependent Gene Silencing", Molecular & General Genetics, August 1994, Volume 244, Number 3, pp. 230-241, Springer-Verlag Ngo et al., "Double-stranded RNA Induces mRNA Degradation in Trypanosoma brucei", Proc. Natl. Acad. Sci., December 1999, Volume 95, pp. 14687-14502, National Academy of Sciences A75 Neuhuber et al., "Identification of Prokaryotic and Eukaryotic Signal Peptides and Prediction of their Cleavage Sites", Protein Engineering, 1997, Volume 10, Number 1, pp. 1-6, Oxford University Press Rocha-Sosa et al., "Both Developmental and Metabolic Signals activate The Promoter of a Class I Patatin Gene". The EMBO Journal, 1989, Volume 8, Number 1, pp. 23-29, IRL Press Peleman et al., "Stong Cellular Preference	(MODIFIED)		PATENT AND TRADEMARK OFFICE	077281-0104	09/715,036	
FILING DATE 11/20/2000 GROUP ART UNIT Unassigned OTHER DOCUMENTS (Including Author, Title, Date, Perlinent Pages, Etc.) Krebbers et al., "Determination of the Processing Sites of An Arabidopsis 2 St Albumin and Characterization of The Complete Gene Family", Plant Physiology, August 1998, Volume 87, Number 4, pp. 859-865 The Complete Gene Family", Plant Physiology, August 1998, Volume 87, Number 4, pp. 859-865 Matzke et al., "How and Why Do Plants Inactive Homologous", Plant Physiology, March 1995, Volume 107, Number 3, pp. 679-685 Misquitta et al., "Targeted Disruption of Gene Function in Drosopphila by RNA Interference (RNA-I): A Role for Nautilus in Embryonic Somatic Muscle Formation", Proc. Natl. Acad. Sci., 1999, Volume 96, pp. 1451-1456. Laboratory of Biochemistry, National Cancer Institute A73 Caenorhabditis elegans", Proc. Natl. Acad. Sci., December 1998, Volume 95, pp. 15502-15507, National Academy of Sciences A74 Neuhuber et al., "Susceptibility of Transgene Loci to Homology-dependent Gene Silencing", Molecular & General Genetics, August 1994, Volume 244, Number 3, pp. 230-241, Springer-Verlag Nog et al., "Double-stranded RNA Induces mRNA Degradation in Trypanosoma brucei", Proc. Natl. Acad. Sci., December 1998, Volume 95, pp. 14687-14692, National Academy of Sciences Nielsen et al., "Identification of Prokaryotic and Eukaryotic Signal Peptides and Prediction of their Cleavage Sites", Protein Engineering, 1997, Volume 10, Number 1, pp. 1-6, Oxford University Press A75 Rocha-Sosa et al., "Both Developmental and Metabolic Signals activate The Promoter of a Class I Patatin Gene", The IBMO Journal, 1989, Volume 8, Number 1, pp. 23-29, IRL Press Peleman et al., "Strong Cellular Preference in the Expression of a Housekeeping Gene of Arabidopsis Thaliana Encoding S-Adenosylmethionine Synthetase", The Plant Cell, 1989, Volume 1, pp. 81-93, American Society of Plant Physiologists Rabjohn et al., "Antisense RNA Inhibition of Polygalacturonase Gene Expression in Transgenic Tomatoes", Nature, 198	,			APPLICANT		
SEP 1 8 2061 Content of the processing of the pertinent Pages, Etc.) Sep 1 8 2061 Content Documents (including Author, Title, Date, Pertinent Pages, Etc.) Krebbers et at., "Determination of the Processing Sites of An Arabidopsis 2S Albumin and Characterization of The Complete Gene Family", Plant Physiology, August 1998, Volume 87, Number 4, pp. 859-865 Matzke et al., "How and Why Do Plants Inactive Homologous", Plant Physiology, March 1995, Volume 107, Number 3, pp. 679-685 Misquitta et al., "Targeted Disruption of Gene Function in Drosopphila by RNA Interference (RNA-I): A Role for Nautilius in Embryonic Somatic Muscle Formation", Proc. Natl. Acad. Sci., 1999, Volume 96, pp. 1451-1456. Laboratory of Biochemistry, National Cancer Institute Montgomery et al., "RNA as a Target of Double-Stranded RNA-mediated Genetic Interference in Canonhabditis elegans", Proc. Natl. Acad. Sci., December 1998, Volume 95, pp. 15502-15507, National Academy of Sciences Neuhuber et al., "Susceptibility of Transgene Loci to Homology-dependent Gene Silencing", Molecular & General Genetics, August 1994, Volume 244, Number 3, pp. 230-241, Springer-Verlag Ngo et al., "Double-stranded RNA Induces mRNA Degradation in Trypanosoma bruce!", Proc. Natl. Acad. Sci., December 1998, Volume 95, pp. 14687-14692, National Academy of Sciences Nielsen et al., "Identification of Prokaryotic and Eukaryotic Signal Peptides and Prediction of their Cleavage Sites", Protein Engineering, 1997, Volume 10, Number 1, pp. 1-6, Oxford University Press Rocha-Sosa et al., "Both Developmental and Metabolic Signals activate The Promoter of a Class I Patatin Gene", The EMBO Journal, 1989, Volume 8, Number 1, pp. 23-29, IRL Press Peleman et al., "Strong Cellular Preference in the Expression of a Housekeeping Gene of Arabidopsis Thaliana Encoding S-Adenosylmethionine Synthetase", The Plant Cell, 1989, Volume 1, pp. 81-93. American Society of Plant Physiologists Rabjohn et al., "Molecular Cloning and Epitope Analysis of the Peanut Allergen Ara h 3", J. of Clin	INFORMATION DISCLOSURE CITATION			Hortense W. Do	do, et al.	
THER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) Wrebbers et al., "Determination of the Processing Sites of An Arabidopsis 25 Albumin and Characterization of The Complete Gene Family", Plant Physiology, August 1998, Volume 87, Number 4, pp. 859-865 Matzke et al., "How and Why Do Plants Inactive Homologous", Plant Physiology, March 1995, Volume 107, Number 3, pp. 679-685 Misquitta et al., "Targeted Disruption of Gene Function in Drosopphila by RNA Interference (RNA-I): A Role for Nauthus in Embryonic Somatic Muscle Formation", Proc. Natl. Acad. Sci., 1999, Volume 96, pp. 1451-1456. Laboratory of Biochemistry, National Cancer Institute Montgomery et al., "RNA as a Target of Double-Stranded RNA-mediated Genetic Interference in Caenorhabditis elegans", Proc. Natl. Acad. Sci., December 1998, Volume 95, pp. 15502-15507, National Academy of Sciences Neuhuber et al., "Susceptibility of Transgene Loci to Homology-dependent Gene Silencing", Molecular & General Genetics, August 1994, Volume 244, Number 3, pp. 230-241, Springer-Verlag Ngo et al., "Double-stranded RNA Induces mRNA Degradation in Trypanosoma brucei", Proc. Natl. Acad. Sci., December 1998, Volume 95, pp. 14687-14692, National Academy of Sciences Nielsen et al., "Identification of Prokaryotic and Eukaryotic Signal Peptides and Prediction of their Cleavage Sites", Protein Engineering, 1997, Volume 10, Number 1, pp. 1-6, Oxford University Press Rocha-Sosa et al., "Both Developmental and Metabolic Signals activate The Promoter of a Class I Patatin Gene". The EMBO Journal, 1989, Volume 6, Number 1, pp. 23-29, IRL Press Peleman et al., "Strong Cellular Preference in the Expression of a Housekeeping Gene of Arabidopsis Thaliana Encoding S-Adenosylmethionine Synthetase", The Plant Celi, 1989, Volume 1, pp. 81-93. American Society of Plant Physiologists Rabjohn et al., "Molecular Cloning and Epitope Analysis of the Peanut Allergen Ara h 3", J. of Clinical Investigation, Vulume 1, Number 4, pp. 535-542, 1999, American Society for Clinic	I D E			FILING DATE	GROUP ART UNIT	
Krebbers et al., "Determination of the Processing Sites of An Arabidopsis 2S Albumin and Characterization of The Complete Gene Family", Plant Physiology, August 1998, Volume 87, Number 4, pp. 859-865 A71 Matzke et al., "How and Why Do Plants Inactive Homologous", Plant Physiology, March 1995, Volume 107, Number 3, pp. 679-685 Misquitta et al., "Targeted Disruption of Gene Function in Drosopphila by RNA Interference (RNA-I): A Role for Nautilus in Embryonic Somatic Muscle Formation", Proc. Natl. Acad. Sci., 1999, Volume 96, pp. 1451-1456. Laboratory of Biochemistry, National Cancer Institute Montgomery et al., "RNA as a Target of Double-Stranded RNA-mediated Genetic Interference in Caenorhabdits elegans", Proc. Natl. Acad. Sci., December 1998, Volume 95, pp. 15502-15507, National Academy of Sciences A74 Neuhuber et al., "Susceptibility of Transgene Loci to Homology-dependent Gene Silencing", Molecular & General Genetics, August 1994, Volume 244, Number 3, pp. 230-241, Springer-Verlag Mgo et al., "Double-stranded RNA Induces mRNA Degradation in Trypanosama brucei", Proc. Natl. Acad. Sci., December 1998, Volume 95, pp. 14687-14692, National Academy of Sciences A76 Sites", Protein Engineering, 1997, Volume 10, Number 1, pp. 1-6, Oxford University Press Rocha-Sosa et al., "Both Developmental and Metabolic Signals activate The Promoter of a Class I Patatin Gene", The EMBO Journal, 1989, Volume 8, Number 1, pp. 23-29, IRL Press Peleman et al., "Strong Cellular Preference in the Expression of a Housekeeping Gene of Arabidopsis Thaliana Encoding S-Adenosylmethionine Synthotase", The Plant Cell, 1989, Volume 1, pp. 81-93. American Society of Plant Physiologists Rabjohn et al., "Molecular Cloning and Epitope Analysis of the Peanut Allergen Ara h 3", J. of Clinical Investigation, Volume 1, Number 4, pp. 535-542, 1999, American Society for Clinical Investigation W. Schuch, "Using Antisense RNA to Study Gene Function", Molecular Biology of Plant Development, Number 1, 1989, Volume 34 No. 6184, pp. 724-726. DA	0,,,	(USE,	everal sheets if necessary)	11/20/2000	Unassigned	
The Complete Gene Family", Plant Physiology, August 1998, Volume 87, Number 4, pp. 859-865 Matzke et al., "How and Why Do Plants Inactive Homologous", Plant Physiology, March 1995, Volume 107, Number 3, pp. 679-685 Misquitta et al., "Targeted Disruption of Gene Function in Drosopphila by RNA Interference (RNA-I): A Role for Nautilus in Embryonic Somatic Muscle Formation", Proc. Natl. Acad. Sci., 1999, Volume 96, pp. 1451-1456. Laboratory of Biochemistry, National Cancer Institute Montgomery et al., "RNA as a Target of Double-Stranded RNA-mediated Genetic Interference in Caenorhabditis elegans", Proc. Natl. Acad. Sci., December 1998, Volume 95, pp. 15502-15507, National Academy of Sciences Neuhuber et al., "Susceptibility of Transgene Loci to Homology-dependent Gene Silencing", Molecular & General Genetics, August 1994, Volume 244, Number 3, pp. 230-241, Springer-Verlag Ngo et al., "Double-stranded RNA Induces mRNA Degradation in Trypanosoma brucei", Proc. Natl. Acad. Sci., December 1998, Volume 95, pp. 14687-14692, National Academy of Sciences Nielsen et al., "Identification of Prokaryotic and Eukaryotic Signal Peptides and Prediction of their Cleavage Sites", Protein Engineering, 1997, Volume 10, Number 1, pp. 1-6, Oxford University Press Rocha-Sosa et al., "Both Developmental and Metabolic Signals activate The Promoter of a Class I Patatin Gene", The EMBO Journal, 1989, Volume 8, Number 1, pp. 23-29, IRL Press Peleman et al., "Strong Cellular Preference in the Expression of a Housekeeping Gene of Arabidopsis Thaliana Encoding S-Adenosylmethionine Synthetase", The Plant Cell, 1989, Volume 1, pp. 81-93. American Society of Plant Physiologists Rabjohn et al., "Molecular Cloning and Epitope Analysis of the Peanut Allergen Ara h 3", J. of Clinical Investigation, Volume 1, Number 4, pp. 535-542, 1999, American Society for Clinical Investigation W. Schuch, "Using Antisense RNA to Study Gene Function", Molecular Biology of Plant Development, Number 1, 1988, Volume 334 No. 6184, pp. 724-726, DATE CONSIDERE	SEP 1 8	2001	OTHER DOCUMENTS (Including A	uthor, Title, Date, Pertinent Pages,	Etc.)	
Matzke et al., "How and Why Do Plants Inactive Homologous", Plant Physiology, March 1995, Volume 107, Number 3, pp. 679-685 A72 Misquitta et al., "Targeted Disruption of Gene Function in <i>Drosopphila</i> by RNA Interference (RNA-I): A Role for <i>Nautitus</i> in Embryonic Somatic Muscle Formation", Proc. Natl. Acad. Sci., 1999, Volume 96, pp. 1451-1456. Laboratory of Biochemistry, National Cancer Institute A73 Montgomery et al., "RNA as a Target of Double-Stranded RNA-mediated Genetic Interference in <i>Caenorhabditis elegans</i> ", Proc. Natl. Acad. Sci., December 1998, Volume 95, pp. 15502-15507, National Academy of Sciences A74 General Genetics, August 1994, Volume 244, Number 3, pp. 230-241, Springer-Verlag Ngo et al., "Double-stranded RNA Induces mRNA Degradation in <i>Trypanosoma brucei</i> ", Proc. Natl. Acad. Sci., December 1998, Volume 95, pp. 14687-14692, National Academy of Sciences Nielsen et al., "Identification of Prokaryotic and Eukaryotic Signal Peptides and Prediction of their Cleavage Sites", Protein Engineering, 1997, Volume 10, Number 1, pp. 1-6, Oxford University Press A75 Rocha-Sosa et al., "Both Developmental and Metabolic Signals activate The Promoter of a Class I Patatin Gene", The EMBO Journal, 1989, Volume 8, Number 1, pp. 23-29, IRL Press Peleman et al., "Strong Cellular Preference in the Expression of a Housekeeping Gene of <i>Arabidopsis Thaliana</i> Encoding S-Adenosylmethionine Synthetase", The Plant Cell, 1989, Volume 1, pp. 81-93. Armerican Society of Plant Physiologists Rabjohn et al., "Motecular Cioning and Epitope Analysis of the Peanut Allergen Ara h 3", J. of Clinical Investigation, Volume 1, Number 4, pp. 535-542, 1999, American Society for Clinical Investigation W. Schuch, "Using Antisense RNA to Study Gene Function", Molecular Biology of Plant Development, Number XLV, 1991, pp. 117, 127, Society for Experimental Biology Smith et al., "Antisense RNA inhibition of Polygalacturonase Gene Expression in Transgenic Tomatoes", Nature, 1988, Volume 334 No. 6184, pp. 724-726,	One	A 76t	Krebbers et al., "Determination of the Pro	cessing Sites of An Arabidopsis 2S Alt	oumin and Characterization of	
Matzke et al., "How and Why Do Plants Inactive Homologous", Plant Physiology, March 1995, Volume 107, Number 3, pp. 679-685 A72 Misquitta et al., "Targeted Disruption of Gene Function in <i>Drosopphila</i> by RNA Interference (RNA-I): A Role for <i>Nautitus</i> in Embryonic Somatic Muscle Formation", Proc. Natl. Acad. Sci., 1999, Volume 96, pp. 1451-1456. Laboratory of Biochemistry, National Cancer Institute A73 Montgomery et al., "RNA as a Target of Double-Stranded RNA-mediated Genetic Interference in <i>Caenorhabditis elegans</i> ", Proc. Natl. Acad. Sci., December 1998, Volume 95, pp. 15502-15507, National Academy of Sciences A74 General Genetics, August 1994, Volume 244, Number 3, pp. 230-241, Springer-Verlag Ngo et al., "Double-stranded RNA Induces mRNA Degradation in <i>Trypanosoma brucei</i> ", Proc. Natl. Acad. Sci., December 1998, Volume 95, pp. 14687-14692, National Academy of Sciences Nielsen et al., "Identification of Prokaryotic and Eukaryotic Signal Peptides and Prediction of their Cleavage Sites", Protein Engineering, 1997, Volume 10, Number 1, pp. 1-6, Oxford University Press A75 Rocha-Sosa et al., "Both Developmental and Metabolic Signals activate The Promoter of a Class I Patatin Gene", The EMBO Journal, 1989, Volume 8, Number 1, pp. 23-29, IRL Press Peleman et al., "Strong Cellular Preference in the Expression of a Housekeeping Gene of <i>Arabidopsis Thaliana</i> Encoding S-Adenosylmethionine Synthetase", The Plant Cell, 1989, Volume 1, pp. 81-93. Armerican Society of Plant Physiologists Rabjohn et al., "Motecular Cioning and Epitope Analysis of the Peanut Allergen Ara h 3", J. of Clinical Investigation, Volume 1, Number 4, pp. 535-542, 1999, American Society for Clinical Investigation W. Schuch, "Using Antisense RNA to Study Gene Function", Molecular Biology of Plant Development, Number XLV, 1991, pp. 117, 127, Society for Experimental Biology Smith et al., "Antisense RNA inhibition of Polygalacturonase Gene Expression in Transgenic Tomatoes", Nature, 1988, Volume 334 No. 6184, pp. 724-726,	TRA	DEMAR	The Complete Gene Family", Plant Physiology, August 1998, Volume 87, Number 4, pp. 859-865			
A72 A73 A74 A75 A76 A77 Archiver at al., "Targeted Disruption of Gene Function in <i>Drosopphila</i> by RNA Interference (RNA-I): A Role for Nautilus in Embryonic Somatic Muscle Formation", Proc. Natl. Acad. Sci., 1999, Volume 96, pp. 1451-1456. Laboratory of Biochemistry, National Cancer Institute A77 A78 A79			Matzke et al., "How and Why Do Plants in	nactive Homologous", Plant Physiology	, March 1995, Volume 107,	
A72 Nautilus in Embryonic Somatic Muscle Formation", Proc. Natl. Acad. Sci., 1999, Volume 96, pp. 1451-1456. Laboratory of Biochemistry, National Cancer Institute Montgomery et al., "RNA as a Target of Double-Stranded RNA-mediated Genetic Interference in Caenorhabditis elegans", Proc. Natl. Acad. Sci., December 1998, Volume 95, pp. 15502-15507, National Academy of Sciences Neuhuber et al., "Susceptibility of Transgene Loci to Homology-dependent Gene Silencing", Molecular & General Genetics, August 1994, Volume 244, Number 3, pp. 230-241, Springer-Verlag Ngo et al., "Double-stranded RNA Induces mRNA Degradation in Trypanosoma brucei", Proc. Natl. Acad. Sci., December 1998, Volume 95, pp. 14687-14692, National Academy of Sciences Nielsen et al., "Identification of Prokaryotic and Eukaryotic Signal Peptides and Prediction of their Cleavage Sites", Protein Engineering, 1997, Volume 10, Number 1, pp. 1-6, Oxford University Press Rocha-Sosa et al., "Both Developmental and Metabolic Signals activate The Promoter of a Class I Patatin Gene", The EMBO Journal, 1989, Volume 8, Number 1, pp. 23-29, IRL Press Peleman et al., "Strong Cellular Preference in the Expression of a Housekeeping Gene of Arabidopsis Thaliana Encoding S-Adenosylmethionine Synthetase", The Plant Cell, 1989, Volume 1, pp. 81-93. American Society of Plant Physiologists Rabjohn et al., "Molecular Cloning and Epitope Analysis of the Peanut Allergen Ara h 3", J. of Clinical Investigation, Volume 1, Number 4, pp. 535-542, 1999, American Society for Clinical Investigation W. Schuch, "Using Antisense RNA to Study Gene Function", Molecular Biology of Plant Development, Number XLV, 1991, pp. 117, 127, Society for Experimental Biology Smith et al., "Antisense RNA Inhibition of Polygalacturonase Gene Expression in Transgenic Tomatoes", Nature, 1988, Volume 334 No. 6184, pp. 724-726,		A/I	Number 3, pp. 679-685			
Noutilus in Embryonic Somatic Muscle Formation*, Proc. Natl. Acad. Sci., 1999, Volume 96, pp. 1451-1456. Laboratory of Biochemistry, National Cancer Institute Montgomery et al., "RNA as a Target of Double-Stranded RNA-mediated Genetic Interference in Caenorhabditis elegans*, Proc. Natl. Acad. Sci., December 1998, Volume 95, pp. 15502-15507, National Academy of Sciences Neuhuber et al., "Susceptibility of Transgene Loci to Homology-dependent Gene Silencing*, Molecular & General Genetics, August 1994, Volume 244, Number 3, pp. 230-241, Springer-Verlag Ngo et al., "Double-stranded RNA Induces mRNA Degradation in Trypanosoma brucei*, Proc. Natl. Acad. Sci., December 1998, Volume 95, pp. 14687-14692, National Academy of Sciences Nielsen et al., "Identification of Prokaryotic and Eukaryotic Signal Peptides and Prediction of their Cleavage Sites*, Protein Engineering, 1997, Volume 10, Number 1, pp. 1-6, Oxford University Press Rocha-Sosa et al., "Both Developmental and Metabolic Signals activate The Promoter of a Class I Patatin Gene*, The EMBO Journal, 1989, Volume 8, Number 1, pp. 23-29, IRL Press Peleman et al., "Strong Cellular Preference in the Expression of a Housekeeping Gene of Arabidopsis Thaliana Encoding S-Adenosylmethionine Synthetase*, The Plant Cell, 1989, Volume 1, pp. 81-93. American Society of Plant Physiologists Rabjohn et al., "Molecular Cloning and Epitope Analysis of the Peanut Allergen Ara h 3", J. of Clinical Investigation, Volume 1, Number 4, pp. 535-542, 1999, American Society for Clinical Investigation W. Schuch, "Using Antisense RNA to Study Gene Function", Molecular Biology of Plant Development, Number XLV, 1991, pp. 117, 127, Society for Experimental Biology Smith et al., "Antisense RNA Inhibition of Polygalacturonase Gene Expression in Transgenic Tomatoes", Nature, 1988, Volume 334 No. 6184, pp. 724-726.		۸72	Misquitta et al., "Targeted Disruption of G	ene Function in <i>Drosopphila</i> by RNA II	nterference (RNA-I): A Role for	
A73 Montgomery et al., "RNA as a Target of Double-Stranded RNA-mediated Genetic Interference in Caenorhabditis elegans", Proc. Natl. Acad. Sci., December 1998, Volume 95, pp. 15502-15507, National Academy of Sciences Neuhuber et al., "Susceptibility of Transgene Loci to Homology-dependent Gene Silencing", Molecular & General Genetics, August 1994, Volume 244, Number 3, pp. 230-241, Springer-Verlag Ngo et al., "Double-stranded RNA Induces mRNA Degradation in Trypanosoma brucei", Proc. Natl. Acad. Sci., December 1998, Volume 95, pp. 14687-14692, National Academy of Sciences Nielsen et al., "Identification of Prokaryotic and Eukaryotic Signal Peptides and Prediction of their Cleavage Sites", Protein Engineering, 1997, Volume 10, Number 1, pp. 1-6, Oxford University Press Rocha-Sosa et al., "Both Developmental and Metabolic Signals activate The Promoter of a Class I Patatin Gene", The EMBO Journal, 1989, Volume 8, Number 1, pp. 23-29, IRL Press Peleman et al., "Strong Cellular Preference in the Expression of a Housekeeping Gene of Arabidopsis Thaliana Encoding S-Adenosylmethionine Synthetase", The Plant Cell, 1989, Volume 1, pp. 81-93. American Society of Plant Physiologists Rabjohn et al., "Molecular Cloning and Epitope Analysis of the Peanut Allergen Ara h 3", J. of Clinical Investigation, Volume 1, Number 4, pp. 535-542, 1999, American Society for Clinical Investigation W. Schuch, "Using Antisense RNA to Study Gene Function", Molecular Biology of Plant Development, Number XLV, 1991, pp. 117, 127, Society for Experimental Biology Smith et al., "Antisense RNA Inhibition of Polygalacturonase Gene Expression in Transgenic Tomatoes", Nature, 1988, Volume 334 No. 6184, pp. 724-726,		A/2	Nautilus in Embryonic Somatic Muscle Fo	ormation", Proc. Natl. Acad. Sci., 1999,	Volume 96, pp. 1451-1456.	
A73 Caenorhabditis elegans", Proc. Natl. Acad. Sci., December 1998, Volume 95, pp. 15502-15507, National Academy of Sciences Neuhuber et al., "Susceptibility of Transgene Loci to Homology-dependent Gene Silencing", Molecular & General Genetics, August 1994, Volume 244, Number 3, pp. 230-241, Springer-Verlag Ngo et al., "Double-stranded RNA Induces mRNA Degradation in Trypanosoma brucei", Proc. Natl. Acad. Sci., December 1998, Volume 95, pp. 14687-14692, National Academy of Sciences Nielsen et al., "Identification of Prokaryotic and Eukaryotic Signal Peptides and Prediction of their Cleavage Sites", Protein Engineering, 1997, Volume 10, Number 1, pp. 1-6, Oxford University Press Rocha-Sosa et al., "Both Developmental and Metabolic Signals activate The Promoter of a Class I Patatin Gene", The EMBO Journal, 1989, Volume 8, Number 1, pp. 23-29, IRL Press Peleman et al., "Strong Cellular Preference in the Expression of a Housekeeping Gene of Arabidopsis Thaliana Encoding S-Adenosylmethionine Synthetase", The Plant Cell, 1989, Volume 1, pp. 81-93. American Society of Plant Physiologists Rabjohn et al., "Molecular Cloning and Epitope Analysis of the Peanut Allergen Ara h 3", J. of Clinical Investigation, Volume 1, Number 4, pp. 535-542, 1999, American Society for Clinical Investigation W. Schuch, "Using Antisense RNA to Study Gene Function", Molecular Biology of Plant Development, Number XLV, 1991, pp. 117, 127, Society for Experimental Biology Smith et al., "Antisense RNA Inhibition of Polygalacturonase Gene Expression in Transgenic Tomatoes", Nature, 1988, Volume 334 No. 6184, pp. 724-726.			Laboratory of Biochemistry, National Can	cer Institute		
Caencrhabditis elegans", Proc. Natl. Acad. Sci., December 1998, Volume 95, pp. 15502-15507, National Academy of Sciences Neuhuber et al., "Susceptibility of Transgene Loci to Homology-dependent Gene Silencing", Molecular & General Genetics, August 1994, Volume 244, Number 3, pp. 230-241, Springer-Verlag Ngo et al., "Double-stranded RNA Induces mRNA Degradation in Trypanosoma brucei", Proc. Natl. Acad. Sci., December 1998, Volume 95, pp. 14687-14692, National Academy of Sciences Nielsen et al., "Identification of Prokaryotic and Eukaryotic Signal Peptides and Prediction of their Cleavage Sites", Protein Engineering, 1997, Volume 10, Number 1, pp. 1-6, Oxford University Press Rocha-Sosa et al., "Both Developmental and Metabolic Signals activate The Promoter of a Class I Patatin Gene", The EMBO Journal, 1989, Volume 8, Number 1, pp. 23-29, IRL Press Peleman et al., "Strong Cellular Preference in the Expression of a Housekeeping Gene of Arabidopsis Thailana Encoding S-Adenosylmethionine Synthetase", The Plant Cell, 1989, Volume 1, pp. 81-93. American Society of Plant Physiologists Rabjohn et al., "Molecular Cloning and Epitope Analysis of the Peanut Allergen Ara h 3", J. of Clinical Investigation, Volume 1, Number 4, pp. 535-542, 1999, American Society for Clinical Investigation W. Schuch, "Using Antisense RNA to Study Gene Function", Molecular Biology of Plant Development, Number XLV, 1991, pp. 117, 127, Society for Experimental Biology Smith et al., "Antisense RNA Inhibition of Polygalacturonase Gene Expression in Transgenic Tomatoes", Nature, 1988, Volume 334 No. 6184, pp. 724-726, DATE CONSIDERED		470	Montgomery et al., "RNA as a Target of D	ouble-Stranded RNA-mediated Genet	c Interference in	
Neuhuber et al., "Susceptibility of Transgene Loci to Homology-dependent Gene Silencing", Molecular & General Genetics, August 1994, Volume 244, Number 3, pp. 230-241, Springer-Verlag Ngo et al., "Double-stranded RNA Induces mRNA Degradation in <i>Trypanosoma brucei</i> ", Proc. Natl. Acad. Sci., December 1998, Volume 95, pp. 14687-14692, National Academy of Sciences Nielsen et al., "Identification of Prokaryotic and Eukaryotic Signal Peptides and Prediction of their Cleavage Sites", Protein Engineering, 1997, Volume 10, Number 1, pp. 1-6, Oxford University Press Rocha-Sosa et al., "Both Developmental and Metabolic Signals activate The Promoter of a Class I Patatin Gene", The EMBO Journal, 1989, Volume 8, Number 1, pp. 23-29, IRL Press Peleman et al., "Strong Cellular Preference in the Expression of a Housekeeping Gene of <i>Arabidopsis Thaliana</i> Encoding S-Adenosylmethionine Synthetase", The Plant Cell, 1989, Volume 1, pp. 81-93. American Society of Plant Physiologists Rabjohn et al., "Molecular Cloning and Epitope Analysis of the Peanut Allergen Ara h 3", J. of Clinical Investigation, Volume 1, Number 4, pp. 535-542, 1999, American Society for Clinical Investigation W. Schuch, "Using Antisense RNA to Study Gene Function", Molecular Biology of Plant Development, Number XLV, 1991, pp. 117, 127, Society for Experimental Biology Smith et al., "Antisense RNA Inhibition of Polygalacturonase Gene Expression in Transgenic Tomatoes", Nature, 1988, Volume 334 No. 6184, pp. 724-726, DATE CONSIDERED		A/3	Caenorhabditis elegans", Proc. Natl. Acad	d. Sci., December 1998, Volume 95, pp. 15502-15507, National		
General Genetics, August 1994, Volume 244, Number 3, pp. 230-241, Springer-Verlag Ngo et al., "Double-stranded RNA Induces mRNA Degradation in <i>Trypanosoma brucei</i> ", Proc. Natl. Acad. Sci., December 1998, Volume 95, pp. 14687-14692, National Academy of Sciences Nielsen et al., "Identification of Prokaryotic and Eukaryotic Signal Peptides and Prediction of their Cleavage Sites", Protein Engineering, 1997, Volume 10, Number 1, pp. 1-6, Oxford University Press Rocha-Sosa et al., "Both Developmental and Metabolic Signals activate The Promoter of a Class I Patatin Gene", The EMBO Journal, 1989, Volume 8, Number 1, pp. 23-29, IRL Press Peleman et al., "Strong Cellular Preference in the Expression of a Housekeeping Gene of <i>Arabidopsis</i> Thaliana Encoding S-Adenosylmethionine Synthetase", The Plant Cell, 1989, Volume 1, pp. 81-93. American Society of Plant Physiologists Rabjohn et al., "Molecular Cloning and Epitope Analysis of the Peanut Allergen Ara h 3", J. of Clinical Investigation, Volume 1, Number 4, pp. 535-542, 1999, American Society for Clinical Investigation W. Schuch, "Using Antisense RNA to Study Gene Function", Molecular Biology of Plant Development, Number XLV, 1991, pp. 117, 127, Society for Experimental Biology Smith et al., "Antisense RNA Inhibition of Polygalacturonase Gene Expression in Transgenic Tomatoes", Nature, 1988, Volume 334 No. 6184, pp. 724-726, DATE CONSIDERED			Academy of Sciences			
A75 Ngo et al., "Double-stranded RNA Induces mRNA Degradation in Trypanosoma brucei", Proc. Natl. Acad. Sci., December 1998, Volume 95, pp. 14687-14692, National Academy of Sciences			Neuhuber et al., "Susceptibility of Transge	ene Loci to Homology-dependent Gene	e Silencing", Molecular &	
December 1998, Volume 95, pp. 14687-14692, National Academy of Sciences Nielsen et al., "Identification of Prokaryotic and Eukaryotic Signal Peptides and Prediction of their Cleavage Sites", Protein Engineering, 1997, Volume 10, Number 1, pp. 1-6, Oxford University Press Rocha-Sosa et al., "Both Developmental and Metabolic Signals activate The Promoter of a Class I Patatin Gene", The EMBO Journal, 1989, Volume 8, Number 1, pp. 23-29, IRL Press Peleman et al., "Strong Cellular Preference in the Expression of a Housekeeping Gene of Arabidopsis Thaliana Encoding S-Adenosylmethionine Synthetase", The Plant Cell, 1989, Volume 1, pp. 81-93. American Society of Plant Physiologists Rabjohn et al., "Molecular Cloning and Epitope Analysis of the Peanut Allergen Ara h 3", J. of Clinical Investigation, Volume 1, Number 4, pp. 535-542, 1999, American Society for Clinical Investigation W. Schuch, "Using Antisense RNA to Study Gene Function", Molecular Biology of Plant Development, Number XLV, 1991, pp. 117, 127, Society for Experimental Biology Smith et al., "Antisense RNA Inhibition of Polygalacturonase Gene Expression in Transgenic Tomatoes", Nature, 1988, Volume 334 No. 6184, pp. 724-726, DATE CONSIDERED		A/4	General Genetics, August 1994, Volume	244, Number 3, pp. 230-241, Springer-	Verlag	
Nielsen et al., "Identification of Prokaryotic and Eukaryotic Signal Peptides and Prediction of their Cleavage Sites", Protein Engineering, 1997, Volume 10, Number 1, pp. 1-6, Oxford University Press Rocha-Sosa et al., "Both Developmental and Metabolic Signals activate The Promoter of a Class I Patatin Gene", The EMBO Journal, 1989, Volume 8, Number 1, pp. 23-29, IRL Press Peleman et al., "Strong Cellular Preference in the Expression of a Housekeeping Gene of Arabidopsis Thaliana Encoding S-Adenosylmethionine Synthetase", The Plant Cell, 1989, Volume 1, pp. 81-93. American Society of Plant Physiologists Rabjohn et al., "Molecular Cloning and Epitope Analysis of the Peanut Allergen Ara h 3", J. of Clinical Investigation, Volume 1, Number 4, pp. 535-542, 1999, American Society for Clinical Investigation W. Schuch, "Using Antisense RNA to Study Gene Function", Molecular Biology of Plant Development, Number XLV, 1991, pp. 117, 127, Society for Experimental Biology Smith et al., "Antisense RNA Inhibition of Polygalacturonase Gene Expression in Transgenic Tomatoes", Nature, 1988, Volume 334 No. 6184, pp. 724-726, DATE CONSIDERED		A 7.5	Ngo et al., "Double-stranded RNA Induce	s mRNA Degradation in <i>Trypanosoma</i>	brucei ", Proc. Natl. Acad. Sci.,	
Sites", Protein Engineering, 1997, Volume 10, Number 1, pp. 1-6, Oxford University Press Rocha-Sosa et al., "Both Developmental and Metabolic Signals activate The Promoter of a Class I Patatin Gene", The EMBO Journal, 1989, Volume 8, Number 1, pp. 23-29, IRL Press Peleman et al., "Strong Cellular Preference in the Expression of a Housekeeping Gene of Arabidopsis Thaliana Encoding S-Adenosylmethionine Synthetase", The Plant Cell, 1989, Volume 1, pp. 81-93. American Society of Plant Physiologists Rabjohn et al., "Molecular Cloning and Epitope Analysis of the Peanut Allergen Ara h 3", J. of Clinical Investigation, Volume 1, Number 4, pp. 535-542, 1999, American Society for Clinical Investigation W. Schuch, "Using Antisense RNA to Study Gene Function", Molecular Biology of Plant Development, Number XLV, 1991, pp. 117, 127, Society for Experimental Biology Smith et al., "Antisense RNA Inhibition of Polygalacturonase Gene Expression in Transgenic Tomatoes", Nature, 1988, Volume 334 No. 6184, pp. 724-726, DATE CONSIDERED		A/5	December 1998, Volume 95, pp. 14687-14692, National Academy of Sciences			
Sites", Protein Engineering, 1997, Volume 10, Number 1, pp. 1-6, Oxford University Press Rocha-Sosa et al., "Both Developmental and Metabolic Signals activate The Promoter of a Class I Patatin Gene", The EMBO Journal, 1989, Volume 8, Number 1, pp. 23-29, IRL Press Peleman et al., "Strong Cellular Preference in the Expression of a Housekeeping Gene of Arabidopsis Thaliana Encoding S-Adenosylmethionine Synthetase", The Plant Cell, 1989, Volume 1, pp. 81-93. American Society of Plant Physiologists Rabjohn et al., "Molecular Cloning and Epitope Analysis of the Peanut Allergen Ara h 3", J. of Clinical Investigation, Volume 1, Number 4, pp. 535-542, 1999, American Society for Clinical Investigation W. Schuch, "Using Antisense RNA to Study Gene Function", Molecular Biology of Plant Development, Number XLV, 1991, pp. 117, 127, Society for Experimental Biology Smith et al., "Antisense RNA Inhibition of Polygalacturonase Gene Expression in Transgenic Tomatoes", Nature, 1988, Volume 334 No. 6184, pp. 724-726, DATE CONSIDERED		A 76	Nielsen et al., "Identification of Prokaryotic	c and Eukaryotic Signal Peptides and Prediction of their Cleavage		
A77 Gene", The EMBO Journal, 1989, Volume 8, Number 1, pp. 23-29, IRL Press Peleman et al., "Strong Cellular Preference in the Expression of a Housekeeping Gene of Arabidopsis Thaliana Encoding S-Adenosylmethionine Synthetase", The Plant Cell, 1989, Volume 1, pp. 81-93. American Society of Plant Physiologists Rabjohn et al., "Molecular Cloning and Epitope Analysis of the Peanut Allergen Ara h 3", J. of Clinical Investigation, Volume 1, Number 4, pp. 535-542, 1999, American Society for Clinical Investigation W. Schuch, "Using Antisense RNA to Study Gene Function", Molecular Biology of Plant Development, Number XLV, 1991, pp. 117, 127, Society for Experimental Biology Smith et al., "Antisense RNA Inhibition of Polygalacturonase Gene Expression in Transgenic Tomatoes", Nature, 1988, Volume 334 No. 6184, pp. 724-726, DATE CONSIDERED		Aro	Sites", Protein Engineering, 1997, Volume	e 10, Number 1, pp. 1-6, Oxford Univer	sity Press	
Peleman et al., "Strong Cellular Preference in the Expression of a Housekeeping Gene of Arabidopsis Thaliana Encoding S-Adenosylmethionine Synthetase", The Plant Cell, 1989, Volume 1, pp. 81-93. American Society of Plant Physiologists Rabjohn et al., "Molecular Cloning and Epitope Analysis of the Peanut Allergen Ara h 3", J. of Clinical Investigation, Volume 1, Number 4, pp. 535-542, 1999, American Society for Clinical Investigation W. Schuch, "Using Antisense RNA to Study Gene Function", Molecular Biology of Plant Development, Number XLV, 1991, pp. 117, 127, Society for Experimental Biology Smith et al., "Antisense RNA Inhibition of Polygalacturonase Gene Expression in Transgenic Tomatoes", Nature, 1988, Volume 334 No. 6184, pp. 724-726, DATE CONSIDERED		A 77	Rocha-Sosa et al., "Both Developmental a	and Metabolic Signals activate The Promoter of a Class I Patatin		
Thaliana Encoding S-Adenosylmethionine Synthetase", The Plant Cell, 1989, Volume 1, pp. 81-93. American Society of Plant Physiologists Rabjohn et al., "Molecular Cloning and Epitope Analysis of the Peanut Allergen Ara h 3", J. of Clinical Investigation, Volume 1, Number 4, pp. 535-542, 1999, American Society for Clinical Investigation W. Schuch, "Using Antisense RNA to Study Gene Function", Molecular Biology of Plant Development, Number XLV, 1991, pp. 117, 127, Society for Experimental Biology Smith et al., "Antisense RNA Inhibition of Polygalacturonase Gene Expression in Transgenic Tomatoes", Nature, 1988, Volume 334 No. 6184, pp. 724-726,		ATT	Gene", The EMBO Journal, 1989, Volume	e 8, Number 1, pp. 23-29, IRL Press		
Thaliana Encoding S-Adenosylmethionine Synthetase", The Plant Cell, 1989, Volume 1, pp. 81-93. American Society of Plant Physiologists Rabjohn et al., "Molecular Cloning and Epitope Analysis of the Peanut Allergen Ara h 3", J. of Clinical Investigation, Volume 1, Number 4, pp. 535-542, 1999, American Society for Clinical Investigation W. Schuch, "Using Antisense RNA to Study Gene Function", Molecular Biology of Plant Development, Number XLV, 1991, pp. 117, 127, Society for Experimental Biology Smith et al., "Antisense RNA Inhibition of Polygalacturonase Gene Expression in Transgenic Tomatoes", Nature, 1988, Volume 334 No. 6184, pp. 724-726, DATE CONSIDERED		۸70	Peleman et al., "Strong Cellular Preference	e in the Expression of a Housekeeping	g Gene of Arabidopsis	
Rabjohn et al., "Molecular Cloning and Epitope Analysis of the Peanut Allergen Ara h 3", J. of Clinical Investigation, Volume 1, Number 4, pp. 535-542, 1999, American Society for Clinical Investigation W. Schuch, "Using Antisense RNA to Study Gene Function", Molecular Biology of Plant Development, Number XLV, 1991, pp. 117, 127, Society for Experimental Biology Smith et al., "Antisense RNA Inhibition of Polygalacturonase Gene Expression in Transgenic Tomatoes", Nature, 1988, Volume 334 No. 6184, pp. 724-726, DATE CONSIDERED		A/6	Thaliana Encoding S-Adenosylmethionine	e Synthetase", The Plant Cell, 1989, Volume 1, pp. 81-93.		
Investigation, Volume 1, Number 4, pp. 535-542, 1999, American Society for Clinical Investigation W. Schuch, "Using Antisense RNA to Study Gene Function", Molecular Biology of Plant Development, Number XLV, 1991, pp. 117, 127, Society for Experimental Biology Smith et al., "Antisense RNA Inhibition of Polygalacturonase Gene Expression in Transgenic Tomatoes", Nature, 1988, Volume 334 No. 6184, pp. 724-726, EXAMINER DATE CONSIDERED			American Society of Plant Physiologists			
Investigation, Volume 1, Number 4, pp. 535-542, 1999, American Society for Clinical Investigation W. Schuch, "Using Antisense RNA to Study Gene Function", Molecular Biology of Plant Development, Number XLV, 1991, pp. 117, 127, Society for Experimental Biology Smith et al., "Antisense RNA Inhibition of Polygalacturonase Gene Expression in Transgenic Tomatoes", Nature, 1988, Volume 334 No. 6184, pp. 724-726, EXAMINER DATE CONSIDERED		۸70	Rabjohn et al., "Molecular Cloning and Epitope Analysis of the Peanut Allergen Ara h 3", J. of Clinical			
Number XLV, 1991, pp. 117, 127, Society for Experimental Biology Smith et al., "Antisense RNA Inhibition of Polygalacturonase Gene Expression in Transgenic Tomatoes", Nature, 1988, Volume 334 No. 6184, pp. 724-726, DATE CONSIDERED		Ais	Investigation, Volume 1, Number 4, pp. 535-542, 1999, American Society for Clinical Investigation			
Number XLV, 1991, pp. 117, 127, Society for Experimental Biology Smith et al., "Antisense RNA Inhibition of Polygalacturonase Gene Expression in Transgenic Tomatoes", Nature, 1988, Volume 334 No. 6184, pp. 724-726, DATE CONSIDERED	\$ P	A90	W. Schuch, "Using Antisense RNA to Study Gene Function", Molecular Biology of Plant Development,			
A81 Nature, 1988, Volume 334 No. 6184, pp. 724-726, EXAMINER DATE CONSIDERED		A00	Number XLV, 1991, pp. 117, 127, Society for Experimental Biology			
EXAMINER Nature, 1988, Volume 334 No. 6184, pp. 724-726, DATE CONSIDERED		Λ91				
\mathcal{L} (\mathcal{L})		701				
	EXAMINER		$(-n^{\prime})$	DATE CONSIDERED		
Jun 400		Ju	in Six	7/11/02		
* EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw	* EXAM					
line through citation if not in conformance and not considered. Include any copy of this form with next communication to applicant.				not considered. Include any co	opy of this form with next	

Page 7 of 8

Form PTO-14	49	U.S. DEPARTMENT OF COMMERCE	ATTY. DOCKET NO.	SERIAL NO.	
(MODIFIED)		PATENT AND TRADEMARK OFFICE	077281-0104	09/715,036	
			APPLICANT		
INFORMATION DISCLOSURE CITATION			Hortense W. Dodo, et al.		
			FILING DATE	GROUP ART UNIT	
OIP	EUS SE	everal sheets if necessary)	11/20/2000	Unassigned	
/ SEP 1 8	2001	OTHER DOCUMENTS (Including A	uthor, Title, Date, Pertinent Pages,	Etc.)	
	OFFICE	Stanley et al., "Identification and Mutational Analysis of the Immunodominant IgE Binding Epitopes of the Jaor			
900 A.	EMARKS.	Peanut Allergen Ara h 2", Archives of Biochemistry and Biophysics, June 1997, Volume 342, Number 2, pp.			
7		244-253, Academic Press			
- V 70		Waterhouse et al., "Virus Resistance and	Gene Silencing in Plants can be Induc	es by Simultaneous	
	A83	Expression of Sense and Antisense RNA", Proc. Natl. Acad. Sci, November 1998, Volume 95, Number 23,			
		pp. 19959-13964, National Academy of Sciences			
	A 9.4	Kleber-Janke et al., "Selective Cloning of	Peanut Allergens, including Profilin an	d 2S Albumins, by Phage	
	A84	Display Technology", Int. Arch. Allergy Im	munol. 119:265, Gen Bank AF059616		
	A85	Rabjohn et al., "Molecular Cloning and Epitope Analysis of the Peanut Allergen, Arah 3" Pediatrics, University			
	7,00	Of Arkansas for Medical Sciences, (unpublished) 1998, Gen Bank AF093541			
	A 9 6	Kleber-Janke, "Selective Cloning of Peanut Allergens, including Profilin and 2S Albumins, by Phage Display			
	A86	Technology", Int. Arch. Allergy Immunol. 119, pp. 265-274, 1998, Gen Bank AF091737			
	A87	Kaang, "Parameters Influencing Ectopic Gene Expression on Aplysia Neurons", Inst. For Mol. Biol. & Genet,			
	(published) 1996, Gen Bank U67091				
	A88	Kleber-Janke, "Selective Cloning of Peans	ut Allergens, including Profilin and 2S	Albumins, by Phage Display	
		Technology", Int. Arch. Allergy Immunol. 1			
	A89	Kleber-Janke, "Selective Cloning of Peanu			
		Technology", Int. Arch. Allergy Immunol. 1			
	A90	Stanley, "The Major Peanut Allergen Ara h	n II is a Seed Storage Protein with Mult	tiple IgE-binding Epitopes",	
		(unpublished) 1996, Gen Bank L77197			
	Kleber-Janke, "Selective Cloning of Peanut Allergens, includin gProfilin and 2S Albumins, by Phage Disp A91				
		Technology", Int. Arch. Allergy Immunol. 119, 1999, pp. 265-274, Gen Bank AF086821			
	A92		nut Allergens, including Profilin and 2S Albumins, by Phage Display		
		Technology", Int. Arch. Allergy Immunol. 119, 1999, pp. 265-274, Gen Bank AF089616			
	A93	Kleber-Janke, "Selective Cloning of Peanut Allergens, including Profilin and 2S Albumins, by Phage Display			
		Technology", Int. Arch. Allergy Immunol. 119, 1999, pp. 265-274, Gen Bank AF092846			
	A94				
	Technology", Int. Arch. Allergy Immunol. 119, 1999, pp. 265-274, Gen Bank AF091737			91/3/	
EXAMINER () DATE CONSIDERED					
	pun	~ you	71702		
	* EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include any conv. of this form with next				

Page 8 of 8 U.S. DEPARTMENT OF COMMERCE ATTY. DOCKET NO. SERIAL NO. Form PTO-1449 09/715,036 PATENT AND TRADEMARK OFFICE 077281-0104 (MODIFIED) **APPLICANT** Hortense W. Dodo, et al. INFORMATION DISCLOSURE CITATION FILING DATE **GROUP ART UNIT** 11/20/2000 Ause several sheets if necessary) Unassigned OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) Rabjohn et al., "Molecular Cloning and Epitope Analysis of the Peanut Allergen, Arah3", Pediatrics, (unpublished) 1998, Gen Bank AF093541 Burks et al., "Recombinant Peanut Allergen Ara h I Expression and IgE Binding in Patients with Peanut A96 Hypersensitivity", J. Clin. Invest. 96(4):1715-1721, 1995, Gen Bank L34402 Burks et al., "Recombinant Peanut Allergen Ara h I Expression and IgE Binding in Patients with Peanut A97 Hypersensitivity", 1994 (unpublished), Gen Bank L38853 **EXAMINER** DATE CONSIDERED EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include any copy of this form with next

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include any copy of this form with next

4.1

002.650431